

**SECTION 18 EXEMPTION USE DIRECTIONS**  
**FOR USE AND DISTRIBUTION ONLY WITHIN THE FOLLOWING COUNTIES OF MICHIGAN:**  
**BERRIEN, KENT, OTTAWA AND VAN BUREN**  
**TO CONTROL FIRE BLIGHT IN APPLES**

# AGRY-GENT 10-W

**Agricultural Antibiotic**  
**WETTABLE POWDER - FOR AGRICULTURAL USE ONLY**

**EFFECTIVE DATE: March 22, 2007**

**EXPIRATION DATE: May 31, 2007**

<b>ACTIVE INGREDIENT:</b> Gentamicin sulfate (expressed as gentamicin base) .....	10.0%
<b>OTHER INGREDIENTS</b> .....	90.0%
<b>TOTAL</b>	<b>100.0%</b>

**KEEP OUT OF REACH OF CHILDREN**

## CAUTION

FIRST AID	
<b>If inhaled</b>	<ul style="list-style-type: none"><li>• Move person to fresh air.</li><li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li><li>• Call a poison control center or doctor for further treatment advice.</li></ul>
<b>If on skin or clothing</b>	<ul style="list-style-type: none"><li>• Take off contaminated clothing.</li><li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
<b>If in eyes</b>	<ul style="list-style-type: none"><li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li><li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
<b>If swallowed</b>	<ul style="list-style-type: none"><li>• Call a poison control center or doctor immediately for treatment advice.</li><li>• Have person sip a glass of water if able to swallow.</li><li>• Do not induce vomiting unless told to do so by the poison control center or doctor</li><li>• Do not give anything by mouth to an unconscious person.</li></ul>
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact 1-888-478-0798 for emergency medical treatment information.	

**PRECAUTIONARY STATEMENTS**  
**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**  
**CAUTION**

Causes moderate eye irritation. Harmful if inhaled. Avoid breathing dust or spray mist. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**

**Applicators and other handlers must wear:**

- Long-sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

**USER SAFETY RECOMMENDATIONS**

**Users should:**

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

**ENVIRONMENTAL HAZARDS**

This pesticide is toxic to fish and aquatic invertebrates. Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when cleaning equipment or when disposing of equipment washwaters.

**NET CONTENTS \_\_\_\_\_**

EPA File Symbol: 06-MI-01  
EPA Est. No. 67545-AZ-1

**Gowan**  
*The Go To Company*

Produced For:  
Gowan Company  
P. O. Box 5569  
Yuma, AZ 85366-5569

### GENERAL INFORMATION

Agry-Gent 10-W is a bactericide that controls phytopathogenic bacteria such as those that cause fire blight in apples. This product contains 10% by weight of the aminoglycoside antibiotic gentamicin sulfate which has proven activity to both gram positive and gram negative bacteria. Agry-Gent 10-W acts by blocking and inhibiting the synthesis of proteins that are precursors of bacterial enzymes that attack plant tissues.

### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Follow all directions on packaging and any EPA-approved supplemental labeling.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

### AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry intervals. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 12 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water is:

- Long-sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks

**Resistance Management:** A resistance management program should utilize a variety of control tactics. These tactics include alternation or tank mixing Agry-Gent 10-W with other labeled bactericides that have a different mode of action. Sound resistance management practices are essential to reduce the potential for gentamicin resistance development.

**Integrated Disease Management:** Gowan recommends the use of Integrated Disease Management (IDM) programs to control Fire Blight. This product may be used as part of an IDM program which can include chemical, biological, and cultural practices aimed at the prevention of economic disease damage. Utilization of fire blight prediction models may also be helpful for determining the need for and timing of Agry-Gent 10-W applications. Application of this product should be based on IDM principles and practices including field scouting and other detection methods.

### MIXING DIRECTIONS

**Please read and observe the following directions for use:**

- Pour recommended amount of this material on the surface of water in a nearly filled spray tank.
- Add balance of water to fill the tank.
- Keep agitator running during filling and spraying operations. Do not allow mixture to stand.

**Wetting Agent:** It is recommended that Agry-Gent 10-W be applied with a surfactant such as Regulaid.

**Tank additives:** Buffer tank mixtures to between pH 6 and 6.5 before adding Agry-Gent 10-W.

**Important:** Agry-Gent 10-W is a 10% wettable powder formulation to be diluted with water for application in commercial plantings only. Do not use in home plantings.

### APPLICATION DIRECTIONS

Agry-Gent 10-W may be applied through conventional ground application equipment for tree crops. Apply using ground equipment only, unless otherwise specified under the crop comments or on supplemental labeling supplied by Gowan Company. Use sufficient water volume. Higher volumes may be necessary to obtain thorough, uniform coverage of all plant surfaces, particularly open blooms. Apply using a minimum of 50 gallons finished spray.

While volume is important in obtaining full spray coverage, often factors such as foliage, density, environmental conditions and sprayer calibration have a greater impact. Always be sure that sprayers are calibrated to spray equipment manufacturer's specifications and environmental conditions comply with state and local regulatory authorities' recommendations before an actual application.

Agry-Gent 10-W may be applied only when the following conditions are met:

- Agry-Gent 10-W should only be applied when the disease forecasting model and/or fire blight state expert determine that the weather conditions favor disease epidemic.
- Apply Agry-Gent 10-W only when the target plant pathogen is resistant to streptomycin.

CROP	DISEASE	RATES AND APPLICATION CONSIDERATIONS
APPLES	Fire Blight	<p>Apply two applications at 3.5 lbs product per acre. Make no more than two applications per growing season.</p> <p><b>Application Timing –</b>  Blossom blight: Begin applications at first bloom or when conditions favor disease development. Multiple applications may be required to protect susceptible blossoms during the bloom period.</p> <p><b>Application Frequency –</b>  Apply as needed when conditions are favorable for the development of Fire Blight during the bloom period, with a minimum of 2 days between applications during bloom. Do not apply more than 2 applications per season.</p>
<ul style="list-style-type: none"> <li>Do not apply Agry-Gent 10-W as the first spray of the season. It should be applied only after first spray of registered antibiotics (streptomycin and/or oxytetracycline).</li> <li>Do not make consecutive applications of gentamicin.</li> <li>Do not use in orchards in which the soil has been fertilized with animal manure. This restriction addresses concerns that gentamicin-resistance could be transferred to <i>E. coli</i> in the feces.</li> <li>Do not apply more than 7 lbs product (0.70 lbs a.i.) per acre per growing season.</li> <li>Do not apply more than 2 applications per year.</li> <li>Do not make applications after petal fall.</li> <li>Do not apply this product through any type of irrigation system.</li> </ul>		

#### STORAGE AND DISPOSAL

**DO NOT** contaminate water, food or feed by storage or disposal.

**PESTICIDE STORAGE:** Store product in original container only, away from other pesticides, fertilizers, food or feed.

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**CONTAINER DISPOSAL:** Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

**Upon expiration of this exemption, all unopened and unused product must be returned to the dealer where purchased or to the manufacturer.**

**FOR 24-HOUR EMERGENCY ASSISTANCE (SPILL, LEAK OR FIRE), CALL CHEMTREC® (800) 424-9300.**

**For other product information, contact Gowan Company or see Material Safety Data Sheet.**

#### NOTICE OF CONDITIONS OF SALE AND WARRANTY AND LIABILITY LIMITATIONS

**Important:** Read the entire Directions for Use and Notice of Conditions of Sale and Warranty and Liability Limitations before using this product. If terms are not acceptable return the unopened container for a full refund.

Our recommendations for use of this product are based on tests believed to be reliable. However, it is impossible to eliminate all risk associated with the use of this product. Crop injury, inadequate performance, or other unintended consequences may result due to soil or weather conditions, off target movement, presence of other materials, method of use or application, and other factors, all of which are beyond the control of Gowan Company. To the extent consistent with applicable law, all such risks shall be assumed by the Buyer and User.

Gowan Company warrants that this product conforms to the specifications on the label and is reasonably fit for the intended purpose referred to on the label when used in strict conformance with Direction for Use, subject to the above stated risk limitations. GOWAN COMPANY MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

TO THE FULLEST EXTENT PERMITTED BY LAW, GOWAN COMPANY'S EXCLUSIVE LIABILITY FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT WHETHER IN CONTRACT, WARRANTY, TORT, NEGLIGENCE, OR ANY OTHER LEGAL THEORY IS STRICTLY LIMITED TO THE PURCHASE PRICE PAID OR REPLACEMENT OF PRODUCT, AT GOWAN COMPANY'S SOLE DISCRETION.

**MI Section 18: Agry-Gent 10-W (Approved 3/22/07)**